

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/41096

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> IPC(7) : F21L 4/04 US CL : 362/202 According to International Patent Classification (IPC) or to both national classification and IPC																										
<b>B. FIELDS SEARCHED</b> Minimum documentation searched (classification system followed by classification symbols) U.S. : 362/202, 205, 208, 296, 299, 298, 297, 300, 302, 307, 308, 311 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched NONE Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) EAST																										
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b> <table border="1"> <thead> <tr> <th>Category *</th> <th>Citation of document, with indication, where appropriate, of the relevant passages</th> <th>Relevant to claim No.</th> </tr> </thead> <tbody> <tr> <td>X</td> <td>US 3,539,798 A (PERRY) 10 November 1970 (10.11.1970), Fig. 1, column 2, lines 1-16.</td> <td>1, 6, 9, 11, 12</td> </tr> <tr> <td>Y</td> <td></td> <td>2-5, 7, 8, 16</td> </tr> <tr> <td>Y</td> <td>US 6,488,395 B2 (WOODWARD) 03 December 2002 (03.12.2002), abstract, Fig. 19 and Fig. 22.</td> <td>2, 4, 5</td> </tr> <tr> <td>A</td> <td></td> <td>10, 13-15, 17-26</td> </tr> <tr> <td>Y</td> <td>JP 06028906 A (IKEDA et al.) 04 February 1994 (04.02.1994), Fig. 1.</td> <td>3, 16</td> </tr> <tr> <td>Y</td> <td>US 1,577,352 A (CAUGHLAN) 16 March 1926 (16.03.1926), Fig. 2.</td> <td>5</td> </tr> <tr> <td>Y</td> <td>US 6,354,715 B1 (HALASZ et al.) 12 March 2002 (12. 03.2002), Fig. 2.</td> <td>7, 8</td> </tr> </tbody> </table>			Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	X	US 3,539,798 A (PERRY) 10 November 1970 (10.11.1970), Fig. 1, column 2, lines 1-16.	1, 6, 9, 11, 12	Y		2-5, 7, 8, 16	Y	US 6,488,395 B2 (WOODWARD) 03 December 2002 (03.12.2002), abstract, Fig. 19 and Fig. 22.	2, 4, 5	A		10, 13-15, 17-26	Y	JP 06028906 A (IKEDA et al.) 04 February 1994 (04.02.1994), Fig. 1.	3, 16	Y	US 1,577,352 A (CAUGHLAN) 16 March 1926 (16.03.1926), Fig. 2.	5	Y	US 6,354,715 B1 (HALASZ et al.) 12 March 2002 (12. 03.2002), Fig. 2.	7, 8
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Date of the actual completion of the international search 23 May 2005 (23.05.2005)		Date of mailing of the international search report <b>11 JUL 2005</b>																								
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703) 305-3230		Authorized officer Sharon Payne <i>for James R. Matthews</i> Telephone No. (571) 272-2379																								